

Amendments to the Claims

A complete list of pending claims follows, with indicated amendments:

1. (Currently Amended) An information handling system having a DC-DC standby voltage converter, said information handling system comprising:
 - information handling equipment having a plurality of devices requiring a plurality of standby voltages; and
 - a DC-DC standby voltage converter comprising:
 - a plurality of sequencers, each of the plurality of sequencers having a first input, a first output and a control input, wherein a voltage on the first input is sequenced on and off at the first output depending upon a logic state at the control input; ~~and~~
 - at least one charge pump having a second input, a second output, and voltage adjustment input, wherein the second input has a voltage of a first value and the second output has a voltage of a second value, whereby the voltage adjustment input determines the second voltage value;
 - a multiplexer having at least two inputs, an output and a control input, wherein the control input determines which one of the at least two inputs is coupled to the output; and
 - the output of the multiplexer is coupled to the first inputs of those plurality of sequencers not coupled to the at least one charge pump and the second input of the at least one charge pump;
 - wherein the first input of at least one of the plurality of sequencers is coupled to the second output of the at least one charge pump and receives the second voltage value therefrom; and
 - the plurality of devices are coupled to the first outputs of the plurality of sequencers and receive the plurality of standby voltages therefrom.
2. (Original) The information handling system according to claim 1, wherein the plurality of standby voltages are sequenced on and off with the plurality of sequencers in a predetermined order.

3. (Original) The information handling system according to claim 2, wherein the predetermined order is programmable.

4. (Original) The information handling system according to claim 1, wherein the standby voltages are of different voltage values.

5. (Original) The information handling system according to claim 1, wherein the first voltage value is greater than the second voltage value.

6. (Original) The information handling system according to claim 1, wherein the first voltage value is less than the second voltage value.

7. (Original) The information handling system according to claim 1, wherein the first voltage value is substantially equal to the second voltage value.

8. (Original) The information handling system according to claim 1, further comprising an enable input for enabling and disabling the first outputs of the plurality of sequencers.

9. (Original) The information handling system according to claim 8, wherein the first outputs are in a high impedance state when disabled.

10. (Cancelled).

11. (Currently Amended) A DC-DC standby voltage converter, comprising:
a plurality of sequencers, each of the plurality of sequencers having a first input, a first output and a control input, wherein a voltage on the first input is sequenced on and off at the first output depending upon a logic state at the control input; and
at least one charge pump having a second input, a second output, and voltage adjustment input, wherein the second input has a voltage of a first value and the second output

has a voltage of a second value, whereby the voltage adjustment input determines the second voltage value;

a multiplexer having at least two inputs, an output and a control input, wherein the control input determines which one of the at least two inputs is coupled to the output; and

the output of the multiplexer is coupled to the first inputs of those plurality of sequencers not coupled to the at least one charge pump and the second input of the at least one charge pump;

wherein the first input of at least one of the plurality of sequencers is coupled to the second output of the at least one charge pump and receives the second voltage value therefrom.

12. (Original) The DC-DC standby voltage converter according to claim 11, wherein the voltages at the first outputs are sequenced on and off in a predetermined order.

13. (Original) The DC-DC standby voltage converter according to claim 12, wherein the predetermined order is programmable.

14. (Original) The DC-DC standby voltage converter according to claim 11, wherein the voltages at the first outputs are of different voltage values.

15. (Original) The DC-DC standby voltage converter according to claim 11, wherein the first voltage value is greater than the second voltage value.

16. (Original) The DC-DC standby voltage converter according to claim 11, wherein the first voltage value is less than the second voltage value.

17. (Original) The DC-DC standby voltage converter according to claim 11, wherein the first voltage value is substantially equal to the second voltage value.

18. (Original) The DC-DC standby voltage converter according to claim 11, further comprising an enable input for enabling and disabling the first outputs of the plurality of sequencers.

19. (Original) The DC-DC standby voltage converter according to claim 18, wherein the first outputs are in a high impedance state when disabled.

20. (Original) The DC-DC standby voltage converter according to claim 11, further comprising:

a multiplexer having at least two inputs, an output and a control input, wherein the control input determines which one of the at least two inputs is coupled to the output; and

the output of the multiplexer is coupled to the first inputs of those plurality of sequencers not coupled to the at least one charge pump and the second input of the at least one charge pump.

21-26. (Cancelled).